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opening

Type Ia Supernova models: latest developments S. Blinnikovsergei.blinnikov@itep.ru ITEP, 117218, Moscow, Russia, and MPA, Garching, Germany E. Sorokinasorokina@sai.msu.su Sternberg Astronomical Institute, 119992 Moscow, Russia, and MPA, Garching, Germany Type Ia Supernova models S. Blinnikov and E. Sorokina

abstract

Supernovae of type Ia (SNe Ia) are very important for cosmography. To exclude systematic effects in linking the observed light of distant SNe Ia to the parameters of cosmological models, one has to understand the nature of supernova outbursts and to build accurate algorithms for predicting their emission.